Modeling and performance analysis of **QoS**-aware **load balancing** of web-server clusters
Z Shan, C Lin, DC Marinescu, Y Yang - Computer Networks, 2002 - Elsevier
The Internet is evolving from a communication and browsing infrastructure to a medium for conducting business and selling services. Enterprises and service providers are increasingly motivated to migrate mission-critical services to the Web [1]; on-line banking, stock trading, **...**
Cited by 33 - Related articles - All 6 versions

[PDF] Supporting **QoS** routing in mobile ad hoc networks using probabilistic locality and **load balancing**
ES Elmallah, HS Hassanein, HM ... - GLOBECOM-NEW ..., 2001 - cs.queensu.ca
Page 1. Supporting **QoS** Routing in Mobile Ad Hoc Networks using Probabilistic Locality and **Load Balancing** * Ehab S. Elmallah U. of Alberta Computing Science Edmonton, T6G 2H1, Canada Hossam S. Hassanein Queen's University Comp. and Info. **...**
Cited by 18 - Related articles - View as HTML - BL Direct - All 11 versions

Application Routing **Load Balancing** (ARLB) to Support **QoS** for VoIP Application over a VPNs Environment
S Chimmanee, K Wipusitwarakun - nca, 2001 - computer.org
VoIP[4][10] is not appropriate for non-**QoS** network, which is the majority of networks in the Internet. It is, therefore, difficult to guarantee **QoS**[7] for VoIP over Virtual Private Networks (VPNs)[1] environment[2]. This paper presents an idea, which will alleviate such limit. The **...**
Cited by 7 - Related articles - All 4 versions

[CITATION] **QoS**-aware **load balancing** algorithm for globally distributed Websystems
J Zhang, T Hamalainen, J Joutsensalo, K Kaario - Info-tech and Info-net, 2001. ..., 2001
Cited by 7 - Related articles - All 2 versions

[CITATION] **QoS** routing schemes for supporting **load balancing**
JJ Hong, SH Kim, KH Lee - ... Speed Networks and Multimedia Communications 5th ..., 2002
Cited by 5 - Related articles

[CITATION] **QoS**-aware routing schemes based on hierarchical **load-balancing** forintegrated ser packet networks
C Casetti, R Mellia, MD di Elettronica - 1999 IEEE International Conference on ..., 1999
Cited by 5 - Related articles - BL Direct - All 6 versions

[PDF] Method for Improving Cache Hit-Rates in **QoS**-Aware **Load Balancing** Algorithm (**QoS**-L
K Kaario, M Wikstrom, T Hamalainen - GLOBECOM-NEW YORK-, 2001 - it.iitb.ac.in
Abstract—The low cost and variety of future clients (eg, PDAs, lap- tops, pagers, printers, and specialized appliances) will result in a larger number of client devices per user. Thin clients will have fast proces- sors, but little or no disk storage so that they will download most of their **...**
Cited by 4 - Related articles - View as HTML - BL Direct - All 2 versions

[PDF] Efficient Building Method of Multiple Spanning Tree for **QoS** and **Load Balancing**
H Yu, S Das, Y Lim, M Gerla - IEEE Globecom, 2003 - Citeseer
Abstract—Recent traffic feature is far removed from the traffic trends seen during the early days of Ethernet technology. Therefore the current IEEE 802.1 standards and its extensions to the Spanning Tree protocol fall short of providing satisfactory quality of service for traffic **...**
Cited by 4 - Related articles - View as HTML - All 6 versions

[CITATION] A **load balancing** algorithm supporting **QoS** for traffic engineering in MPLS network

B Cui, Z Yang, W Ding - Computer and Information Technology, 2004. CIT'04. ..., 2004
Cited by 3 - Related articles - All 5 versions

[CITATION] Efficient path selection for **QoS** routing in **load balancing**
MC Yuen, CC Cheung - Communications, 2003. APCC 2003. The 9th Asia- ..., 2003
Cited by 2 - Related articles

[CITATION] Yang Y,"**QoS**-aware **load balancing** in web-server clusters: performance modeling a approximate analysis,"
Z Shan, C Lin, DC Marinescu - Computer Networks J, 2002
Cited by 2 - Related articles

[CITATION] **QoS**-aware **load balancing** in Web-server clusters: Performance modeling and approximate analysis
Z Zhan, C Lin, DC Marinescu... - Computer Networks, 2002
Cited by 2 - Related articles

[CITATION] Y. Lim, M. Gerla, Efficient Building Method of Multiple Spanning Tree for **QoS** and **L Balancing**, GLOBECOM 2003
H Yu, S Das - 2003 - IEEE
Cited by 2 - Related articles

A **Load Balancing** Algorithm Based on **QoS** for Multi-task Real-time Cluster Systems
BAI Xue-fei, H Ben-xiong - Telecommunication Engineering, 2004 - en.cnki.com.cn
Load balancing is a key problem in a multi-task real-time cluster system. After analyzing the merits and demerits of round-robin algorithm and least tasks first algorithm, this paper introduces LW(**load** weigh) to describe the **load** state of cluster node more accurately by mapping the **...**
Cited by 1 - Cached

A Study on A Advanced **Load Balancing** Method. Sharing of A **Load Balancing** Device with Multiple Customers, and **Balancing** of Requests for Streaming Contents ...
J WATASE, T TAMURA, K YANAGIMOTO, T ... - IEIC Technical Report ..., 2002 - sciencelinks.jp
Abstract;We proposed a **load balancing** method and a design of a **load balancing** device for cost reduction of data center services in the Internet, and intranets, which **load balancing** method also enable to stabilize quality of service of streaming applications, such as video, music **...**
Cached

[CITATION] **QoS** sensitive domain routing for **load balancing** network
W Ye - Advanced Communication Technology, 2004. The 6th ..., 2004
Related articles

MIS-LB: a **QoS** routing algorithm with min-sharing interference and **load balancing** based on nonlinear path distance
M Zhang, X Yang, X Tang, H Liu - Proceedings of SPIE, 2004 - link.aip.org
As known, the **QoS** routing under multiple constraints, which can be additive, multiplicative and concave, is a NP-complete problem, and is difficult to get a polynomial-time solution. Currently, many heuristic algorithms have been proposed to solve this problem, where **...**
All 4 versions

QoS-aware routing schemes based on hierarchical **load-balancing** for integrated services pacl networks," presented at the
RL Cigno, M Mellia - IEEE Globecom, 1999 - Citeseer
Abstract—This paper presents a **load balancing** method to improve network utilization when static routing algorithms are employed. Static routing algorithms can generally be reduced to a path assignment problem with the aim of minimizing a cost function: ie, maximizing **...**
Cached - All 2 versions

[CITATION] MIS-LB: a **QoS** routing algorithm with min-sharing interference and **load balancing** based on nonlinear path distance [5282-71]

M Zhang, X Yang, X Tang, H Liu - ..., 2003 - International Society for Optical ...
BL Direct

[CITATION] Simple Mathematical Modeling of Efficient Path Selection for **QoS** Routing in **Load Balancing**
WJ Man-Ching Yuen, CC Cheung - International Conference on Multimedia ..., 2004 - IEEE
Related articles

[CITATION] ... on New Developments on **QoS** Technologies for Information Networks-PAPERS-Network-Supported Server **Load Balancing** Method: Active Anycast
... , H Miura, K Nishimura, H Ikeda - IEICE ..., 2001 - Tokyo, Japan: Institute of Electronics, ...

[CITATION] GC09-5 Efficient Building Method of Multiple Spanning Tree for **QoS** and **Load Balancing**
H Yu, S Das, Y Lim, M Gerla - GLOBECOM-NEW YORK-, 2003 - IEEE; 1998
BL Direct

[CITATION] An efficient **QoS** routing algorithm based on nonlinear path distance for min-sharing interference and **load balancing**
X Yang, S Zhou, M Zhang, X Tang, J Liu - ... and Information Technology, 2004. CIT'04 ..., 2004
Related articles - All 9 versions

[CITATION] Simple mathematical modeling of efficient path selection for **QoS** routing in **load balancing**
MC Yuen, W Jia, CC Cheung - 2004 IEEE International Conference on Multimedia ..., 2004
All 2 versions

Propose of dynamic **load balancing** method for **QoS** traffic
T Ogura, M Fukazawa, M Kato, T ... - 電子情報通信学会技術 ..., 2002 - 方方数据资源系统
Traffic Engineering (TE) is needed in order to optimize IP network resource utilization. Especially, **load balancing** with TE can avoid traffic concentration on single path between ingress and egress routes. We have built MPLS (Multi Protocol Label Switching) network with TE **...**
All 2 versions

allintitle: Qos load balancing Search

Go to Google Home - About Google - About Google Scholar